

**NEW**

**THE REHM COBOT SYSTEM – AN UNBEATABLE TEAM**  
**FOCUS.ARC P AND UNIVERSAL ROBOTS™ (UR)**



## Ready to use in just 3 steps!



## This speaks for the REHM COBOT system:

- Short payback period
- Reduction of manufacturing costs
- Higher productivity (24/7)
- Prevents a shortage of skilled workers and relieves the qualified employees
- Problem-free integration into operational processes
- System is configured according to customer requirements
- Compact design saves expensive production space
- Offers attractive new task
- Easy to use
- Consistent welding quality all times

## For welding, reach is the most important thing.

TECHNICAL DATA		UR5e	UR10e	UR20
Reach	[mm]	850	1,300	1,750
Payload	[kg]	5	12,5	20
Ground space	[Ø mm]	149	190	245
Weight without torch	[kg]	20.6	33.5	64
Degrees of free		6 rotating joints		

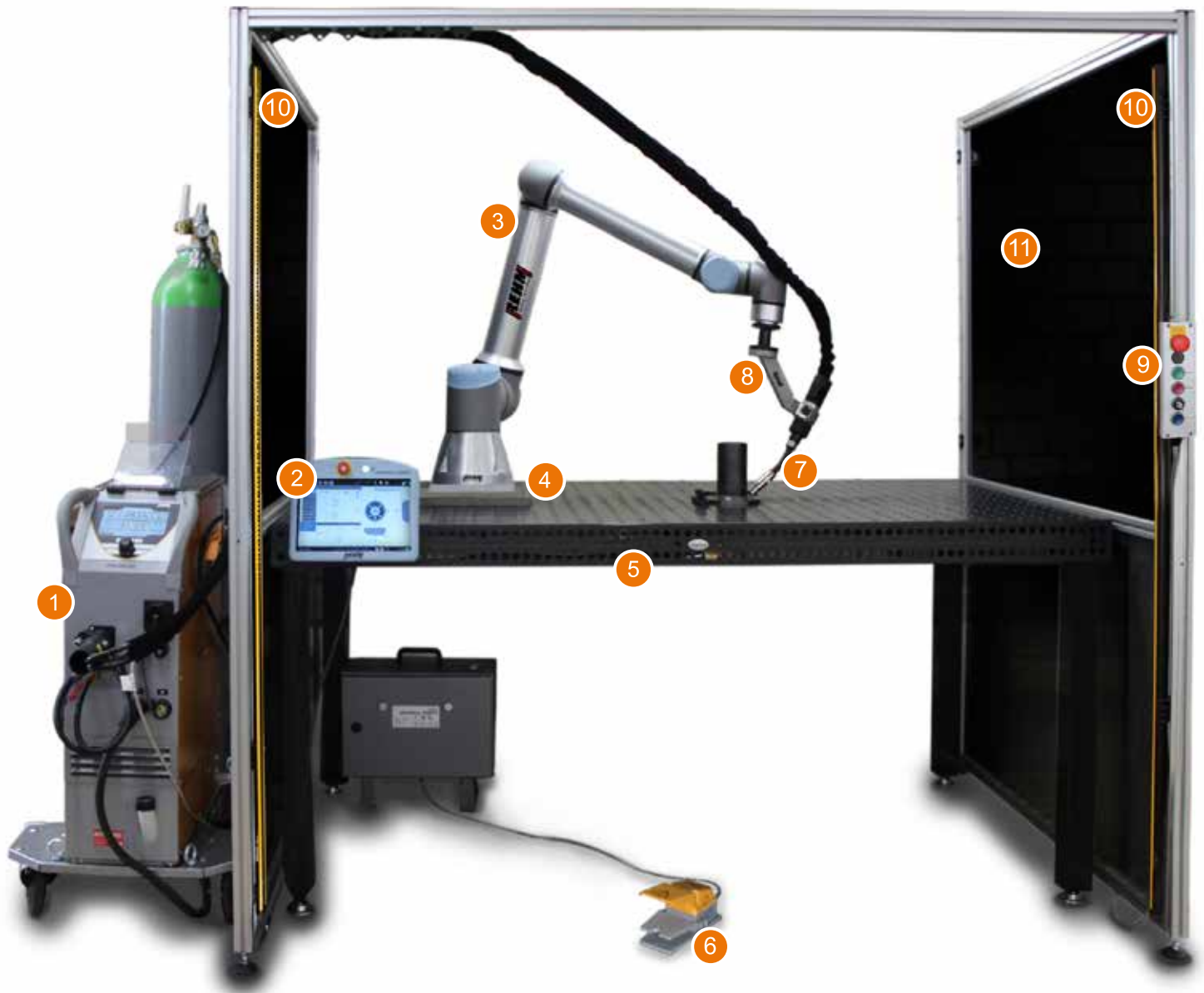


Figure: ADVANCED version

- 1. Power source **FOCUS.ARC P 450 W**
- 2. Touch panel
- 3. UR10e Robot
- 4. Adapter base plate

- 5. Welding table
- 6. Freedrive foot pedal
- 7. Welding torch
- 8. Torch holder

- 9. Extended operation
- 10. Light barriers
- 11. Enclosure

Without illustration: Gallows and balancers

## The simple operation of REHM COBOT fits perfectly with SIRIUS, the most modern operating and communication system for welding equipment.



The SIRIUS operating and communication system simplifies the user access to inherently complex applications.

SIRIUS speaks 10 languages. This means that almost all messages are displayed to the welder in his native language.

SIRIUS is the most modern operating system for welding equipment on the market and makes the workplace even more attractive for employees.



The operation of the FOCUS.ARC P offers maximum flexibility and optimization potential. At the same time, the daily handling of it is simple and clearly understandable for everyone.

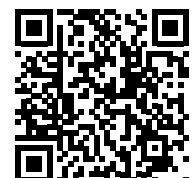


Classic setting screen



Job mode for work with saved programs

Everything you need to know about SIRIUS can be found here:



## The FOCUS.ARC P has been specially designed for use modified with the REHM COBOT.



Feed case ROBOT for the use of barrel wire



Closed feed case for wire conveying from the roll

## The FOCUS.ARC P variants for automation.

All variants with external operation and 5 m connection cable, as well as floor stand for mounting on the wall console.

### Machine variants (select case variant separately)

	Item no.
FOCUS.ARC P 300 S	1307200
FOCUS.ARC P 300 WS	1307201
FOCUS.ARC P 350 S	1307202
FOCUS.ARC P 350 WS	1307203
FOCUS.ARC P 450 S	1307204
FOCUS.ARC P 450 WS	1307205

### Case variants

	Item no.
Feed case ROBOT	7503096
Closed feed case	7503101

Alternatively, FOCUS.ARC P standard machines can be connected to the REHM COBOT.



## The REHM cobot systems bid all potentialities – not only in the workplace design, but also in the equipment.

### The following standard packages are available:

#### BASIC

#### Ready to weld – without table, enclosure, safety engineering and CE

You already use a welding table and design/build your privacy screen or the enclosure yourself. The security settings are sufficient for you of the COBOT and you do not have a risk assessment or have it drawn up yourself (CE).

#### PROFI

#### Ready to weld – with enclosure and table, without safety technology and CE

You want a ready-made system, but the safety settings of the COBOT are sufficient for you and you do not have a risk assessment or have it created yourself (CE).

#### ADVANCED

#### Ready to weld – with enclosure, table, light barriers, extended operation and CE

You want everything from a single source, with the greatest possible safety equipment including all documentation (CE).

### A possible example configuration with UR10e for components up to a maximum of 1,000 x 1,000 mm:

	Item no.	BASIC	PROFI	ADVANCED
FOCUS.ARC P 450 WS Robo incl. floor stand, ext. control panel	1307205	✓	✓	✓
Closed feed case without control panel	7503101	✓	✓	✓
Interface set FA to UR series incl. Cable	7504015	✓	✓	✓
CAN Duo Cable	7504031	✓	✓	✓
Intermediate pack MIG/MAG 70mm <sup>2</sup> 1.4m W 12p FA/MA/SP	7505000	✓	✓	✓
Earth cable 70mm <sup>2</sup> 4m	7810104	✓	✓	✓
Torch neck ABIROB W500 22°	8802250	✓	✓	✓
Intermediate flange CAT d=50	8802260	✓	✓	✓
RTM-Interlock ABIROB	8802286	✓	✓	✓
Hosepack ABIROB-W5F 4m Euro-ZA	8802255	✓	✓	✓
Starter Set	7700472	✓	✓	✓
Robot UR10e	8802200	✓	✓	✓
Fall protection including display foil e-series	8802285	✓	✓	✓
Flange table mounting 28mm	8802309	✓	✓	✓
Foot pedal Cobot	8802303	✓	✓	✓
E-box with external emergency start and stop	8802310	✓	✓	✓
Gallows for balancers	8802300		✓	✓
Line holder for torches	8802278		✓	✓
Balancer 0.5-2.5 kg	8802279		✓	✓
Welding table Professional 750 2,000 x 1,000 mm	D987000		✓	✓
Protective cabin three-sided 2,000 mm high	D987001		✓	✓
REHM safety package complete with extended operation	8802241			✓
REHM CE certification	8802240			✓

## Individual equipment and extensions.

### Effective extraction of welding fumes directly at the source.

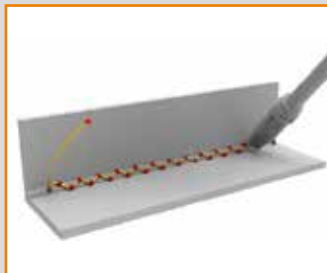
The REHM MIG/MAG extraction torch RAB 8XR and the professional high vacuum suction unit KEMPER VacuFil Compact offer the most effective addition in the field of welding fume extraction.

RAB 8XR	Item no.
RAB 8XR 4m 22°	7600562
8XR torch holder set 22°	8802348
Gas nozzle 8XE Extractor 14 mm special	7700265
Airflow meter Extractor	7600192

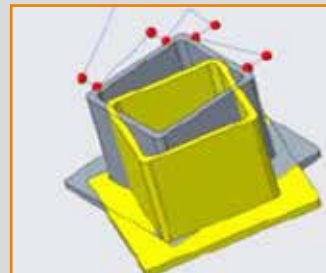
  

KEMPER VacuFil Compact	Item no.
KEMPER VacuFil Compact 230 V, cleanable filter	8500454
Automatic start/stop incl. sensor with 5 m connection cable	8500160
Silencer	8500460
Connection sockets 42-44 mm	8500219
Suction hose Ø 51 mm, 5 m	7600205

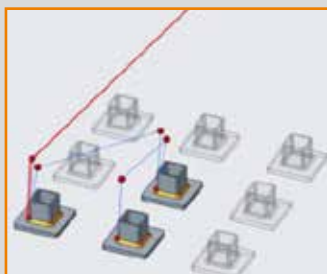
### The software can also be expanded at any time and is always tailored to your needs.



**Function Oscillate**  
When gaps bridging, build-up welds and predicaments



**Function Touchsense**  
COBOT determined the position of the component itself



**Function Copy component (duplicate)**  
Program a component and several identical parts welding



**Function Multifunction flange**  
Even simpler program directly at the COBOT: waypoints, circle points, welding on/off

# THE REHM PERFORMANCE PROGRAM

- REHM MIG / MAG welding machines
- REHM TIG welding machines
- REHM MMA electrode inverter
- REHM PLASMA cutting systems
- Welding accessories and consumables
- Welding fume extraction
- Technical welding advice
- Torch repairs
- Service

WEEE-Reg.-Nr. DE 42214869

REHM 10/2022 • Item no. 9902850


REHM GmbH u. Co. KG Schweißtechnik  
Ottostraße 2 | 73066 Uchingen | Germany


Tel.: +49 (0) 7161 3007-0  
Fax: +49 (0) 7161 3007-20

E-Mail: [rehm@rehm-online.de](mailto:rehm@rehm-online.de)  
Internet: [www.rehm-online.de](http://www.rehm-online.de)

## REHM – The benchmark for modern welding



 [facebook.com/REHMWeldingTechnology](https://facebook.com/REHMWeldingTechnology)

 [instagram.com/rehm.welding.technology](https://instagram.com/rehm.welding.technology)